

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P724222

Luminaire Tested: **IFLD-S-SA3E-827-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724222  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3E-827-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (48) 2700K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

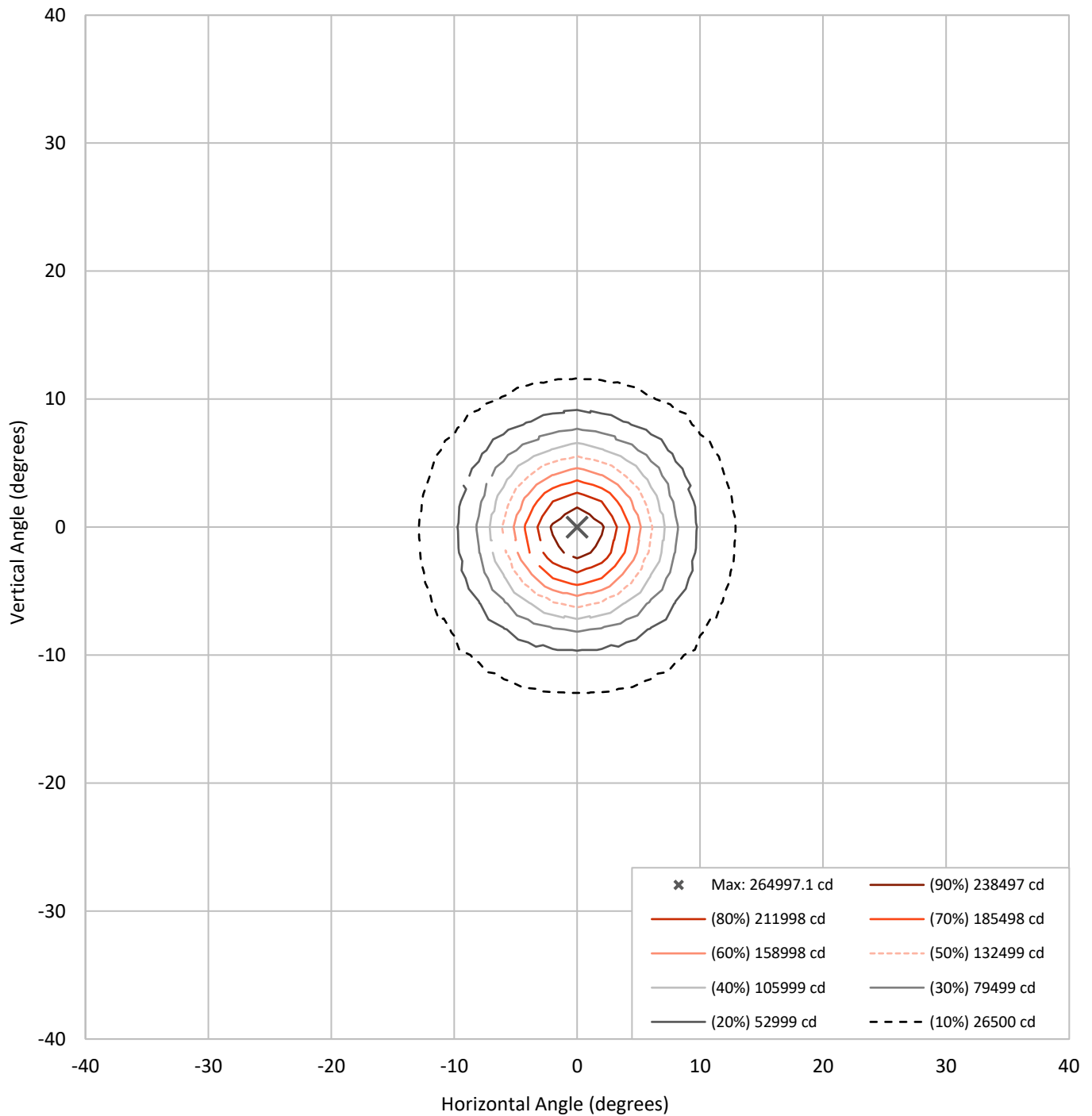
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	18510.1 lumens	Max Intensity:	264997.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	79.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	5790.8 lumens	Field Lumens:	13176.2 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 232.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Candela Plot





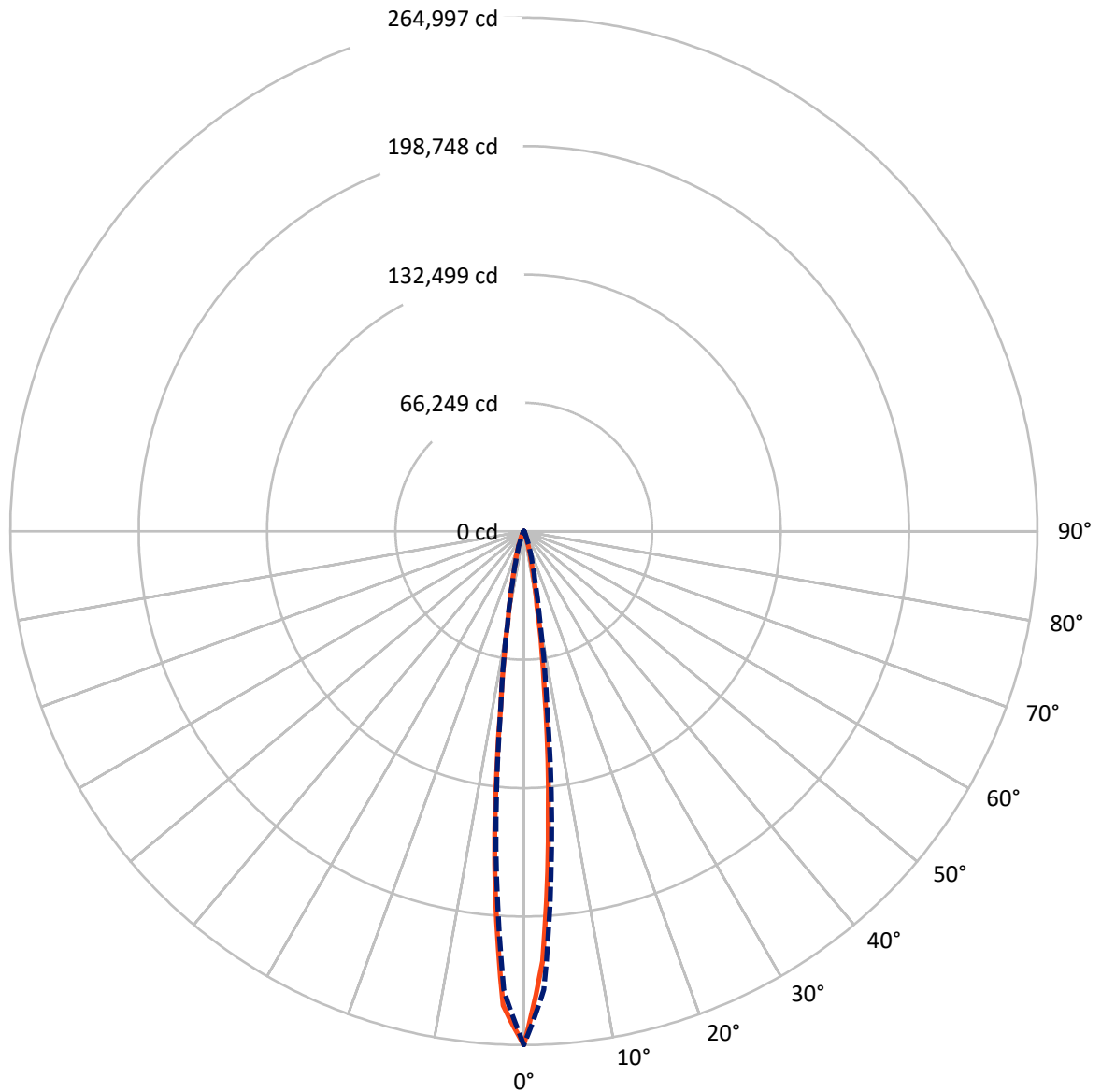
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### Lumen Table

90	0.1	1.1		0.9		0.4		0.0		0.4		0.9		1.1		0.1			
80	0.1	1.1		0.9		0.4		0.0		0.4		0.9		1.1		0.1			
70	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2			
60		0.1	0.2	0.5	1.0	1.4	1.8	2.0	2.0	1.8	1.4	1.0	0.5	0.2	0.1				
50	0.1	0.1	0.6	1.5	2.6	3.7	4.9	5.8	5.8	4.9	3.7	2.6	1.5	0.6	0.1	0.1			
40		0.3	1.3	2.8	4.7	7.4	11.3	13.5	13.5	11.3	7.4	4.7	2.8	1.3	0.3				
30	0.2	0.6	2.0	4.1	7.4	12.8	24.7	39.8	39.8	24.7	12.8	7.4	4.1	2.0	0.6	0.2			
20		0.8	2.6	5.6	11.3	27.9	145.8	368.9	368.9	145.8	27.9	11.3	5.6	2.6	0.8				
10	0.3	1.0	3.2	6.6	13.7	56.7	469.7	2894.3	2894.3	469.7	56.7	13.7	6.6	3.2	1.0	0.3			
0		1.2	3.4	6.9	14.3	64.6	516.8	3187.4	3187.4	516.8	64.6	14.3	6.9	3.4	1.2				
-10	0.4	1.3	3.6	6.9	13.4	38.7	232.0	559.0	559.0	232.0	38.7	13.4	6.9	3.6	1.3	0.4			
-20		1.3	3.6	6.5	11.4	19.7	47.9	90.1	90.1	47.9	19.7	11.4	6.5	3.6	1.3				
-30	0.4	1.1	3.3	6.1	9.5	14.0	19.8	23.2	23.2	19.8	14.0	9.5	6.1	3.3	1.1	0.4			
-40		1.0	2.8	5.4	8.2	10.9	13.8	15.3	15.3	13.8	10.9	8.2	5.4	2.8	1.0				
-50	0.3	0.8	2.3	4.6	7.2	9.5	11.7	12.7	12.7	11.7	9.5	7.2	4.6	2.3	0.8	0.3			
-60		0.6	1.7	3.4	5.5	7.6	9.6	10.6	10.6	9.6	7.6	5.5	3.4	1.7	0.6				
-70	0.2	2.5		6.9		12.8		15.4		12.8		6.9		2.5		0.2			
-80		2.5		6.9		12.8		15.4		12.8		6.9		2.5					
-90	0.2	2.5		6.9		12.8		15.4		12.8		6.9		2.5		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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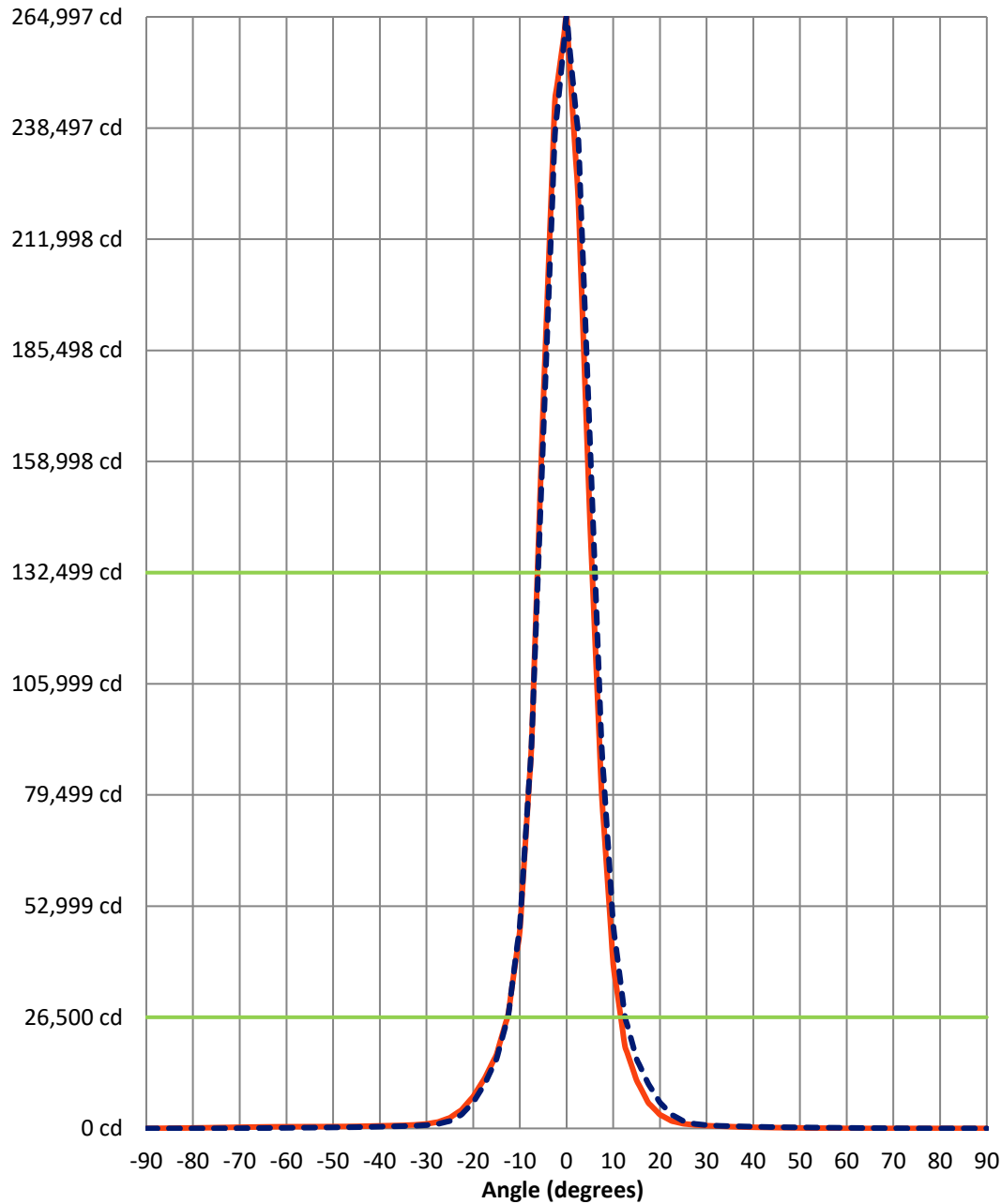
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
H Angle: 12.2°  
V Angle: 11.7°  
Lumens: 5790.8  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 13176.2  
Efficiency: 71.2%

**Spill:**  
Lumens: 5333.9  
Efficiency: 28.8%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 0-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	3.3
85°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	6.6	6.6
82.5°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	6.6	6.6	6.6
80°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	6.6	6.6	6.6
77.5°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3	6.6
75°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3
72.5°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3
70°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3
67.5°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3
65°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3
62.5°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3
60°	6.6	6.6	6.6	6.6	9.9	9.9	13.3	13.3	13.3	6.6	13.3
57.5°	53.1	53.1	49.7	46.4	43.1	39.8	39.8	39.8	39.8	39.8	33.2
55°	73.0	73.0	73.0	69.6	69.6	66.3	63.0	59.7	59.7	56.4	53.1
52.5°	86.2	86.2	86.2	86.2	82.9	82.9	82.9	79.6	73.0	73.0	69.6
50°	122.7	119.4	119.4	119.4	119.4	112.7	109.4	102.8	99.5	96.2	92.9
47.5°	159.2	159.2	155.9	155.9	152.5	145.9	139.3	132.6	126.0	122.7	116.1
45°	189.0	189.0	185.7	185.7	182.4	175.8	165.8	155.9	149.2	142.6	136.0
42.5°	232.1	228.8	225.5	222.2	215.5	205.6	192.3	179.1	169.1	159.2	152.5
40°	278.6	278.6	275.2	271.9	262.0	252.0	235.4	218.9	202.3	182.4	172.4
37.5°	334.9	338.2	341.6	341.6	334.9	321.7	298.5	278.6	252.0	225.5	212.2
35°	437.7	437.7	444.4	444.4	434.4	417.8	401.3	358.1	325.0	291.8	262.0
32.5°	550.5	553.8	540.5	530.6	517.3	497.4	467.6	431.1	394.6	351.5	318.4
30°	659.9	659.9	643.3	623.4	596.9	563.7	527.3	487.5	444.4	401.3	361.5
27.5°	832.4	815.8	802.5	769.3	722.9	659.9	613.5	550.5	494.1	444.4	401.3
25°	1117.5	1114.2	1084.4	1028.0	935.2	835.7	759.4	653.3	567.1	490.8	441.0
22.5°	1777.5	1754.2	1684.6	1545.3	1326.5	1154.0	998.2	832.4	676.5	573.7	494.1
20°	3286.3	3210.0	3024.3	2639.7	2148.9	1810.6	1422.6	1144.1	882.1	689.8	570.4
17.5°	6131.6	6081.8	6012.2	5123.5	4125.3	3409.0	2536.9	1754.2	1253.5	902.0	676.5
15°	11493.8	11125.7	10356.3	9291.9	7895.8	6101.7	4486.8	2832.0	1790.7	1200.4	858.9
12.5°	19648.2	19240.3	17253.9	14591.1	12080.7	9527.3	6688.7	4304.4	2550.1	1525.4	1018.1
10°	39150.5	36189.2	30628.0	22858.2	17840.9	13304.4	9391.3	5872.9	3319.5	1926.7	1207.1
7.5°	80187.9	70511.4	54335.2	38357.9	24828.0	17449.6	11994.5	7680.2	4423.7	2410.8	1379.5
5°	145337.0	128169.3	96559.7	58142.1	36053.2	21870.0	14232.9	9132.7	5236.2	2805.5	1552.0
2.5°	221920.3	199712.0	139600.1	79949.1	44456.3	25292.3	15798.2	10087.7	5753.5	3074.1	1684.6
0°	264997.1	236710.3	164401.6	91532.4	48458.9	26744.8	16564.2	10661.4	6191.3	3292.9	1770.8
-2.5°	244791.8	222019.7	151087.2	85026.2	46306.8	26108.1	16673.6	10804.0	6264.2	3352.6	1810.6
-5°	172529.5	153839.6	104541.7	62744.9	39289.8	24048.7	15731.8	10266.8	6061.9	3266.4	1794.0
-7.5°	91277.1	82820.9	61998.8	45086.4	28678.1	20354.5	14163.3	9315.1	5538.0	3034.3	1694.6
-10°	47159.0	45424.7	39143.9	29507.1	23206.4	17051.7	12087.4	7965.4	4629.3	2613.1	1525.4
-12.5°	27189.1	26894.0	24874.5	21352.7	17794.5	14007.4	9918.6	6496.3	3863.3	2165.4	1286.7
-15°	17605.5	17731.5	17028.4	15562.7	13536.5	10482.4	7620.5	4831.6	2858.5	1754.2	1134.1
-17.5°	12014.4	11981.3	11653.0	10648.2	9016.6	7080.0	5050.5	3412.3	2165.4	1366.3	941.8
-20°	7600.6	7613.9	7308.8	6615.7	5415.3	4364.1	3143.7	2301.4	1535.4	1074.4	832.4



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	4410.5	4420.4	4228.1	3836.8	3206.7	2586.6	2042.8	1522.1	1130.8	895.4	729.6
-25°	2533.5	2493.7	2417.5	2228.5	1933.3	1595.1	1356.3	1071.1	905.3	759.4	666.5
-27.5°	1535.4	1508.8	1469.1	1386.2	1270.1	1101.0	991.5	865.5	769.3	683.1	626.8
-30°	1071.1	1081.1	1047.9	1004.8	951.7	875.5	815.8	756.1	693.1	640.0	587.0
-32.5°	852.3	858.9	842.3	825.7	799.2	769.3	732.9	689.8	640.0	590.3	540.5
-35°	732.9	736.2	736.2	732.9	726.2	703.0	676.5	636.7	590.3	543.8	500.7
-37.5°	673.2	676.5	676.5	673.2	663.2	643.3	616.8	583.6	540.5	497.4	464.3
-40°	610.2	613.5	610.2	603.5	593.6	573.7	553.8	527.3	494.1	457.6	427.8
-42.5°	550.5	547.2	543.8	537.2	527.3	514.0	497.4	477.5	454.3	427.8	404.6
-45°	494.1	494.1	490.8	487.5	480.8	470.9	460.9	444.4	427.8	407.9	388.0
-47.5°	464.3	464.3	460.9	457.6	454.3	447.7	437.7	424.5	411.2	394.6	378.0
-50°	444.4	444.4	444.4	441.0	437.7	431.1	421.2	411.2	397.9	381.4	364.8
-52.5°	431.1	431.1	431.1	427.8	424.5	421.2	411.2	397.9	381.4	368.1	354.8
-55°	424.5	421.2	421.2	417.8	414.5	411.2	397.9	384.7	371.4	358.1	344.9
-57.5°	414.5	411.2	411.2	407.9	404.6	401.3	388.0	374.7	361.5	344.9	334.9
-60°	404.6	401.3	401.3	394.6	391.3	388.0	374.7	361.5	348.2	334.9	321.7
-62.5°	391.3	388.0	384.7	381.4	374.7	368.1	358.1	344.9	328.3	315.0	301.8
-65°	361.5	358.1	354.8	351.5	348.2	344.9	334.9	318.4	305.1	291.8	278.6
-67.5°	325.0	325.0	325.0	318.4	315.0	308.4	301.8	288.5	275.2	262.0	252.0
-70°	281.9	281.9	281.9	275.2	271.9	268.6	258.7	248.7	238.8	228.8	215.5
-72.5°	238.8	235.4	235.4	232.1	225.5	222.2	215.5	208.9	199.0	192.3	182.4
-75°	195.7	192.3	192.3	189.0	185.7	182.4	175.8	172.4	165.8	159.2	149.2
-77.5°	155.9	155.9	155.9	152.5	149.2	145.9	142.6	139.3	136.0	129.3	122.7
-80°	119.4	119.4	119.4	119.4	119.4	119.4	119.4	116.1	109.4	106.1	102.8
-82.5°	86.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	86.2	82.9	79.6
-85°	56.4	59.7	59.7	63.0	66.3	66.3	69.6	66.3	63.0	56.4	53.1
-87.5°	29.8	29.8	29.8	29.8	29.8	29.8	29.8	26.5	26.5	26.5	23.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	6.6	6.6	6.6
85°	6.6	6.6	6.6	6.6	9.9	9.9	9.9	13.3	13.3	13.3	13.3
82.5°	6.6	9.9	9.9	9.9	13.3	13.3	16.6	19.9	26.5	29.8	29.8
80°	6.6	9.9	9.9	9.9	13.3	13.3	16.6	16.6	19.9	23.2	29.8
77.5°	6.6	6.6	9.9	9.9	9.9	13.3	13.3	16.6	16.6	19.9	23.2
75°	3.3	6.6	6.6	6.6	9.9	9.9	13.3	13.3	16.6	16.6	19.9
72.5°	3.3	6.6	6.6	6.6	9.9	9.9	13.3	13.3	13.3	16.6	16.6
70°	3.3	6.6	6.6	6.6	6.6	9.9	9.9	9.9	13.3	13.3	13.3
67.5°	3.3	3.3	3.3	6.6	6.6	6.6	6.6	9.9	9.9	9.9	13.3
65°	3.3	3.3	3.3	3.3	6.6	6.6	6.6	6.6	9.9	9.9	9.9
62.5°	3.3	3.3	3.3	6.6	6.6	6.6	6.6	6.6	9.9	9.9	9.9
60°	13.3	13.3	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
57.5°	29.8	29.8	26.5	23.2	19.9	19.9	16.6	13.3	13.3	9.9	9.9
55°	49.7	46.4	43.1	36.5	33.2	29.8	26.5	19.9	16.6	13.3	9.9
52.5°	63.0	59.7	56.4	53.1	46.4	39.8	36.5	33.2	26.5	19.9	16.6
50°	92.9	82.9	76.3	69.6	63.0	56.4	49.7	46.4	36.5	29.8	23.2
47.5°	112.7	106.1	96.2	89.5	82.9	73.0	63.0	56.4	49.7	39.8	29.8
45°	129.3	122.7	112.7	106.1	99.5	89.5	79.6	69.6	63.0	53.1	39.8
42.5°	145.9	139.3	129.3	122.7	112.7	102.8	92.9	82.9	73.0	66.3	53.1
40°	169.1	159.2	145.9	139.3	132.6	119.4	106.1	96.2	86.2	76.3	63.0
37.5°	199.0	189.0	172.4	159.2	149.2	139.3	126.0	112.7	102.8	89.5	76.3
35°	245.4	228.8	205.6	185.7	172.4	159.2	142.6	129.3	116.1	102.8	89.5
32.5°	291.8	265.3	235.4	212.2	192.3	175.8	159.2	145.9	129.3	112.7	99.5
30°	328.3	298.5	268.6	235.4	212.2	192.3	175.8	159.2	142.6	126.0	109.4
27.5°	364.8	331.6	298.5	265.3	232.1	205.6	189.0	172.4	155.9	139.3	119.4
25°	401.3	364.8	331.6	295.1	255.3	225.5	202.3	189.0	172.4	152.5	129.3
22.5°	434.4	401.3	368.1	328.3	281.9	242.1	218.9	202.3	185.7	162.5	142.6
20°	497.4	454.3	414.5	364.8	311.7	271.9	242.1	218.9	199.0	175.8	152.5
17.5°	580.3	517.3	464.3	407.9	354.8	305.1	262.0	235.4	215.5	189.0	162.5
15°	686.4	577.0	510.7	454.3	391.3	334.9	288.5	252.0	225.5	199.0	175.8
12.5°	766.0	623.4	550.5	497.4	431.1	368.1	308.4	265.3	235.4	208.9	182.4
10°	855.6	673.2	583.6	524.0	454.3	384.7	321.7	275.2	242.1	218.9	192.3
7.5°	928.5	713.0	600.2	533.9	467.6	397.9	334.9	285.2	252.0	225.5	199.0
5°	994.8	746.1	613.5	537.2	474.2	407.9	341.6	291.8	258.7	232.1	205.6
2.5°	1041.3	776.0	626.8	543.8	480.8	414.5	351.5	298.5	265.3	238.8	212.2
0°	1081.1	785.9	623.4	543.8	484.2	414.5	354.8	301.8	268.6	242.1	215.5
-2.5°	1094.3	802.5	640.0	550.5	490.8	421.2	361.5	305.1	271.9	245.4	222.2
-5°	1094.3	789.2	640.0	557.1	494.1	424.5	361.5	308.4	275.2	248.7	222.2
-7.5°	1054.5	769.3	636.7	563.7	497.4	427.8	361.5	311.7	278.6	252.0	225.5
-10°	984.9	739.5	633.4	567.1	497.4	424.5	361.5	311.7	278.6	252.0	228.8
-12.5°	872.1	699.7	616.8	560.4	490.8	417.8	358.1	311.7	278.6	255.3	228.8
-15°	815.8	666.5	596.9	540.5	474.2	407.9	351.5	308.4	278.6	255.3	232.1
-17.5°	739.5	640.0	577.0	520.6	460.9	397.9	344.9	308.4	278.6	252.0	232.1
-20°	686.4	610.2	553.8	504.1	444.4	388.0	341.6	305.1	278.6	252.0	232.1



REPORT NUMBER: P724222

CATALOG NUMBER: IFLD-S-SA3E-827-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	640.0	577.0	527.3	477.5	424.5	374.7	334.9	301.8	275.2	252.0	232.1
-25°	603.5	547.2	500.7	454.3	407.9	364.8	328.3	298.5	271.9	252.0	228.8
-27.5°	570.4	517.3	474.2	431.1	388.0	354.8	321.7	295.1	271.9	248.7	225.5
-30°	533.9	490.8	447.7	407.9	378.0	344.9	315.0	288.5	268.6	245.4	222.2
-32.5°	497.4	457.6	421.2	391.3	364.8	338.2	311.7	285.2	262.0	238.8	215.5
-35°	464.3	427.8	401.3	374.7	354.8	331.6	305.1	278.6	258.7	235.4	215.5
-37.5°	431.1	404.6	381.4	361.5	341.6	321.7	295.1	271.9	252.0	228.8	205.6
-40°	404.6	384.7	368.1	351.5	331.6	308.4	288.5	265.3	245.4	222.2	195.7
-42.5°	388.0	371.4	354.8	338.2	321.7	301.8	281.9	258.7	238.8	215.5	189.0
-45°	371.4	358.1	344.9	331.6	315.0	295.1	271.9	248.7	228.8	205.6	185.7
-47.5°	361.5	348.2	334.9	325.0	311.7	285.2	265.3	242.1	218.9	199.0	175.8
-50°	351.5	338.2	328.3	315.0	298.5	275.2	255.3	232.1	212.2	189.0	169.1
-52.5°	341.6	328.3	315.0	301.8	285.2	265.3	245.4	225.5	202.3	179.1	159.2
-55°	331.6	318.4	305.1	291.8	275.2	258.7	238.8	212.2	189.0	165.8	145.9
-57.5°	321.7	311.7	295.1	278.6	262.0	245.4	222.2	199.0	175.8	152.5	136.0
-60°	308.4	295.1	281.9	262.0	245.4	225.5	205.6	185.7	162.5	142.6	126.0
-62.5°	288.5	275.2	262.0	242.1	225.5	208.9	192.3	169.1	152.5	132.6	116.1
-65°	265.3	252.0	238.8	222.2	205.6	189.0	175.8	155.9	139.3	122.7	109.4
-67.5°	238.8	225.5	215.5	199.0	185.7	169.1	155.9	139.3	122.7	109.4	96.2
-70°	205.6	195.7	185.7	172.4	159.2	145.9	132.6	119.4	106.1	96.2	82.9
-72.5°	175.8	165.8	155.9	145.9	136.0	122.7	112.7	102.8	92.9	82.9	76.3
-75°	142.6	136.0	129.3	122.7	112.7	102.8	96.2	86.2	79.6	73.0	69.6
-77.5°	119.4	112.7	106.1	99.5	92.9	86.2	79.6	73.0	69.6	66.3	63.0
-80°	96.2	92.9	89.5	82.9	79.6	73.0	69.6	63.0	63.0	63.0	63.0
-82.5°	76.3	73.0	69.6	66.3	63.0	59.7	59.7	56.4	59.7	59.7	56.4
-85°	53.1	49.7	46.4	46.4	43.1	43.1	39.8	39.8	39.8	36.5	36.5
-87.5°	23.2	23.2	23.2	23.2	19.9	19.9	19.9	19.9	19.9	16.6	16.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P724222  
 CATALOG NUMBER: IFLD-S-SA3E-827-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.6	6.6	3.3	3.3	3.3	3.3	3.3	3.3	3.3	0.0	0.0
85°	13.3	13.3	9.9	9.9	9.9	6.6	6.6	3.3	3.3	3.3	3.3
82.5°	29.8	26.5	23.2	19.9	16.6	13.3	9.9	6.6	6.6	3.3	3.3
80°	36.5	36.5	36.5	33.2	26.5	19.9	13.3	9.9	6.6	3.3	3.3
77.5°	26.5	26.5	29.8	33.2	33.2	26.5	16.6	9.9	6.6	6.6	3.3
75°	19.9	19.9	19.9	23.2	26.5	26.5	19.9	13.3	6.6	6.6	3.3
72.5°	19.9	19.9	19.9	19.9	19.9	19.9	19.9	13.3	9.9	6.6	6.6
70°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	13.3	9.9	6.6	6.6
67.5°	13.3	13.3	16.6	16.6	16.6	13.3	13.3	13.3	9.9	6.6	6.6
65°	9.9	13.3	13.3	16.6	13.3	13.3	13.3	9.9	9.9	6.6	6.6
62.5°	9.9	9.9	13.3	13.3	13.3	13.3	9.9	9.9	9.9	6.6	6.6
60°	9.9	9.9	9.9	13.3	9.9	9.9	9.9	9.9	9.9	6.6	6.6
57.5°	9.9	9.9	9.9	9.9	9.9	9.9	9.9	6.6	6.6	6.6	6.6
55°	9.9	9.9	9.9	9.9	9.9	9.9	6.6	6.6	6.6	6.6	6.6
52.5°	13.3	9.9	9.9	9.9	9.9	9.9	6.6	6.6	6.6	6.6	6.6
50°	16.6	9.9	9.9	9.9	9.9	6.6	6.6	6.6	6.6	6.6	6.6
47.5°	23.2	16.6	13.3	9.9	9.9	6.6	6.6	6.6	6.6	6.6	3.3
45°	33.2	23.2	16.6	13.3	9.9	6.6	6.6	6.6	6.6	6.6	3.3
42.5°	39.8	29.8	19.9	16.6	13.3	9.9	6.6	6.6	6.6	3.3	3.3
40°	49.7	39.8	26.5	19.9	13.3	9.9	6.6	6.6	6.6	3.3	3.3
37.5°	63.0	49.7	33.2	23.2	16.6	9.9	9.9	6.6	6.6	3.3	3.3
35°	73.0	56.4	43.1	26.5	19.9	13.3	9.9	6.6	6.6	3.3	3.3
32.5°	82.9	66.3	53.1	33.2	23.2	16.6	13.3	6.6	6.6	3.3	3.3
30°	92.9	76.3	59.7	43.1	29.8	19.9	13.3	6.6	6.6	3.3	3.3
27.5°	102.8	82.9	66.3	49.7	33.2	23.2	16.6	9.9	6.6	3.3	3.3
25°	112.7	92.9	73.0	56.4	36.5	26.5	16.6	9.9	6.6	6.6	3.3
22.5°	119.4	102.8	82.9	63.0	43.1	29.8	19.9	13.3	6.6	6.6	3.3
20°	129.3	112.7	89.5	69.6	49.7	33.2	19.9	13.3	6.6	6.6	3.3
17.5°	139.3	119.4	96.2	76.3	56.4	36.5	23.2	16.6	6.6	6.6	3.3
15°	149.2	126.0	102.8	79.6	59.7	39.8	23.2	16.6	6.6	6.6	3.3
12.5°	159.2	136.0	109.4	86.2	63.0	43.1	26.5	19.9	9.9	6.6	3.3
10°	165.8	142.6	116.1	89.5	66.3	49.7	29.8	19.9	9.9	6.6	3.3
7.5°	175.8	149.2	122.7	96.2	69.6	53.1	33.2	19.9	9.9	6.6	3.3
5°	179.1	155.9	126.0	102.8	73.0	56.4	36.5	23.2	9.9	6.6	3.3
2.5°	182.4	162.5	129.3	106.1	76.3	56.4	36.5	23.2	13.3	6.6	3.3
0°	185.7	165.8	132.6	109.4	79.6	59.7	39.8	23.2	13.3	6.6	3.3
-2.5°	189.0	169.1	139.3	112.7	82.9	63.0	43.1	23.2	13.3	6.6	3.3
-5°	192.3	169.1	145.9	116.1	86.2	63.0	43.1	26.5	16.6	6.6	3.3
-7.5°	195.7	172.4	149.2	119.4	89.5	63.0	46.4	26.5	16.6	9.9	3.3
-10°	199.0	175.8	152.5	122.7	89.5	66.3	46.4	26.5	16.6	9.9	3.3
-12.5°	202.3	179.1	152.5	122.7	92.9	66.3	46.4	29.8	16.6	9.9	3.3
-15°	205.6	179.1	152.5	122.7	92.9	69.6	49.7	29.8	16.6	9.9	6.6
-17.5°	205.6	179.1	152.5	126.0	92.9	69.6	49.7	29.8	16.6	9.9	6.6
-20°	205.6	179.1	152.5	126.0	92.9	69.6	49.7	29.8	16.6	9.9	6.6



REPORT NUMBER: P724222

CATALOG NUMBER: IFLD-S-SA3E-827-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	202.3	175.8	152.5	122.7	92.9	69.6	49.7	29.8	19.9	9.9	6.6
-25°	202.3	175.8	152.5	122.7	92.9	69.6	46.4	29.8	19.9	9.9	6.6
-27.5°	199.0	175.8	149.2	119.4	89.5	66.3	46.4	29.8	19.9	9.9	6.6
-30°	195.7	172.4	145.9	116.1	89.5	66.3	46.4	29.8	19.9	9.9	6.6
-32.5°	192.3	165.8	142.6	112.7	86.2	63.0	46.4	29.8	19.9	9.9	6.6
-35°	185.7	162.5	136.0	109.4	82.9	63.0	43.1	29.8	19.9	13.3	6.6
-37.5°	179.1	155.9	132.6	106.1	79.6	59.7	43.1	29.8	19.9	13.3	6.6
-40°	172.4	152.5	126.0	99.5	76.3	56.4	43.1	29.8	19.9	13.3	9.9
-42.5°	165.8	145.9	122.7	96.2	76.3	56.4	39.8	29.8	19.9	13.3	9.9
-45°	162.5	142.6	116.1	92.9	73.0	56.4	39.8	26.5	19.9	13.3	9.9
-47.5°	155.9	132.6	109.4	89.5	69.6	53.1	36.5	26.5	19.9	13.3	9.9
-50°	145.9	126.0	106.1	86.2	66.3	49.7	36.5	26.5	19.9	13.3	9.9
-52.5°	136.0	116.1	99.5	79.6	63.0	49.7	36.5	26.5	19.9	13.3	9.9
-55°	126.0	109.4	92.9	76.3	59.7	46.4	33.2	26.5	19.9	13.3	9.9
-57.5°	119.4	102.8	86.2	69.6	56.4	43.1	33.2	23.2	16.6	13.3	9.9
-60°	112.7	96.2	79.6	66.3	53.1	43.1	33.2	23.2	16.6	13.3	6.6
-62.5°	102.8	89.5	73.0	63.0	49.7	39.8	29.8	23.2	16.6	13.3	6.6
-65°	92.9	79.6	66.3	56.4	46.4	36.5	29.8	23.2	16.6	13.3	6.6
-67.5°	82.9	73.0	63.0	53.1	43.1	36.5	29.8	23.2	16.6	9.9	6.6
-70°	76.3	66.3	56.4	49.7	43.1	33.2	29.8	23.2	16.6	9.9	6.6
-72.5°	66.3	59.7	53.1	46.4	39.8	36.5	29.8	23.2	13.3	9.9	6.6
-75°	63.0	56.4	49.7	46.4	43.1	36.5	29.8	19.9	13.3	9.9	6.6
-77.5°	63.0	56.4	53.1	49.7	43.1	36.5	26.5	16.6	9.9	9.9	6.6
-80°	63.0	59.7	56.4	46.4	39.8	29.8	19.9	16.6	9.9	6.6	3.3
-82.5°	56.4	46.4	39.8	33.2	29.8	23.2	16.6	13.3	6.6	6.6	3.3
-85°	36.5	29.8	26.5	23.2	19.9	16.6	9.9	6.6	6.6	3.3	3.3
-87.5°	16.6	16.6	13.3	9.9	9.9	6.6	6.6	3.3	3.3	3.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P724222

CATALOG NUMBER: IFLD-S-SA3E-827-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	3.3	0.0	0.0	0.0
77.5°	3.3	0.0	0.0	0.0
75°	3.3	3.3	0.0	0.0
72.5°	3.3	3.3	0.0	0.0
70°	3.3	3.3	0.0	0.0
67.5°	3.3	3.3	0.0	0.0
65°	3.3	3.3	0.0	0.0
62.5°	3.3	3.3	0.0	0.0
60°	3.3	3.3	0.0	0.0
57.5°	3.3	3.3	3.3	0.0
55°	3.3	3.3	3.3	0.0
52.5°	3.3	3.3	3.3	0.0
50°	3.3	3.3	3.3	0.0
47.5°	3.3	3.3	3.3	0.0
45°	3.3	3.3	3.3	0.0
42.5°	3.3	3.3	3.3	0.0
40°	3.3	3.3	3.3	0.0
37.5°	3.3	3.3	3.3	0.0
35°	3.3	3.3	3.3	0.0
32.5°	3.3	3.3	3.3	0.0
30°	3.3	3.3	3.3	0.0
27.5°	3.3	3.3	3.3	0.0
25°	3.3	3.3	3.3	0.0
22.5°	3.3	3.3	3.3	0.0
20°	3.3	3.3	3.3	0.0
17.5°	3.3	3.3	3.3	0.0
15°	3.3	3.3	3.3	0.0
12.5°	3.3	3.3	3.3	0.0
10°	3.3	3.3	3.3	0.0
7.5°	3.3	3.3	3.3	0.0
5°	3.3	3.3	3.3	0.0
2.5°	3.3	3.3	3.3	0.0
0°	3.3	3.3	3.3	0.0
-2.5°	3.3	3.3	3.3	0.0
-5°	3.3	3.3	3.3	0.0
-7.5°	3.3	3.3	3.3	0.0
-10°	3.3	3.3	3.3	0.0
-12.5°	3.3	3.3	3.3	0.0
-15°	3.3	3.3	3.3	0.0
-17.5°	3.3	3.3	3.3	0.0
-20°	3.3	3.3	3.3	0.0



REPORT NUMBER: P724222

CATALOG NUMBER: IFLD-S-SA3E-827-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	3.3	3.3	3.3	0.0
-25°	3.3	3.3	3.3	0.0
-27.5°	3.3	3.3	3.3	0.0
-30°	3.3	3.3	3.3	0.0
-32.5°	3.3	3.3	3.3	0.0
-35°	3.3	3.3	3.3	0.0
-37.5°	3.3	3.3	3.3	0.0
-40°	3.3	3.3	3.3	0.0
-42.5°	3.3	3.3	3.3	0.0
-45°	3.3	3.3	3.3	0.0
-47.5°	3.3	3.3	3.3	0.0
-50°	3.3	3.3	3.3	0.0
-52.5°	3.3	3.3	3.3	0.0
-55°	3.3	3.3	3.3	0.0
-57.5°	3.3	3.3	3.3	0.0
-60°	3.3	3.3	0.0	0.0
-62.5°	3.3	3.3	0.0	0.0
-65°	3.3	3.3	0.0	0.0
-67.5°	3.3	3.3	0.0	0.0
-70°	3.3	3.3	0.0	0.0
-72.5°	3.3	3.3	0.0	0.0
-75°	3.3	3.3	0.0	0.0
-77.5°	3.3	0.0	0.0	0.0
-80°	3.3	0.0	0.0	0.0
-82.5°	3.3	0.0	0.0	0.0
-85°	0.0	0.0	0.0	0.0
-87.5°	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)